IP Link® Device Interface Communication Sheet

This document provides additional assistance with wiring your Extron IP Link enabled product to your device. Different components may require a different wiring scheme than those listed below.

For complete operating instructions, refer to the user's manual for the specific Extron IP Link enabled product or the controlled device manufacturer supplied documentation.

Device Specifications:

Device Type:	Receiver
Manufacturer:	Anthem
Firmware Version:	N/A
Model(s):	AVM 30

Version History:

Driver Version	Date	IP Link Compiler	GC Version	Notes
1	2/19/2014	1.6.0	3.5.1	Initial version.

Driver Notes:

Control Commands & States:

Executive Mode	On	Off	
Main Zone Audio Mute	On	Off	Toggle
Main Zone Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	VCR	SAT1
	SAT2	Aux	Main
Main Zone Power	On	Off	
Main Zone Volume (Discrete)	0 to 254 in steps of 1		
Main Zone Volume (Step)	Up	Down	
Zone 2 Audio Mute	On	Off	Toggle
Zone 2 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main
Zone 2 Power	On	Off	
Zone 2 Volume (Discrete)	0 to 64 in steps of 1		
Zone 2 Volume (Step)	Up	Down	
Zone 3 Audio Mute	On	Off	Toggle
Zone 3 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main

Zone 3 Power	On	Off
Zone 3 Volume (Discrete)	0 to 64 in steps of 1	
Zone 3 Volume (Step)	Up	Down

Status Available:

Connection Status	Connected	Disconnected	
Main Zone Audio Mute	On	Off	Toggle
Main Zone Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	VCR	SAT1
	SAT2	Aux	Main
Main Zone Power	On	Off	
Main Zone Volume (Discrete)	0 to 254 in steps of 1		
Zone 2 Audio Mute	On	Off	Toggle
Zone 2 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main
Zone 2 Power	On	Off	
Zone 2 Volume (Discrete)	0 to 64 in steps of 1		
Zone 3 Audio Mute	On	Off	Toggle
Zone 3 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main
Zone 3 Power	On	Off	
Zone 3 Volume (Discrete)	0 to 64 in steps of 1		

MLC60 Series Supported Commands:

Executive Mode	On	Off	
Main Zone Audio Mute	On	Off	Toggle
Main Zone Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	VCR	SAT1
	SAT2	Aux	Main
Main Zone Power	On	Off	
Main Zone Volume (Step)	Up	Down	
Zone 2 Audio Mute	On	Off	Toggle
Zone 2 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main
Zone 2 Power	On	Off	
Zone 2 Volume (Step)	Up	Down	
Zone 3 Audio Mute	On	Off	Toggle
Zone 3 Input	CD	2-Ch BAL	6-Ch S/E
	Tape	FM/AM	DVD1
	DVD2	DVD3	DVD4
	TV1	TV2	TV3
	TV4	SAT1	SAT2
	VCR	Aux	Main
Zone 3 Power	On	Off	
Zone 3 Volume (Step)	Up	Down	

Cable and Adapter Requirements:

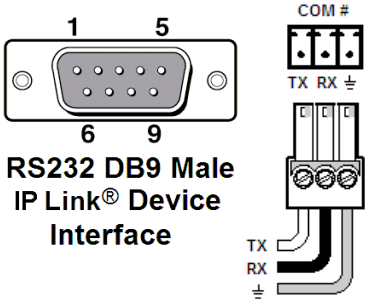
F/M DB9 RS-232 Straight Serial Cable.

Notes for the Device:

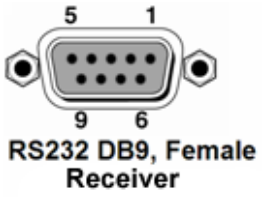
Serial communication:

Port Type:	RS-232	**Parity:**	None
Baud Rate:	9600	**Stop Bits:**	1
Data Bits:	8	**Flow Control:**	None

Pin Assignments Diagram:



Signal	Pin	Main Cable	Pin	Signal
RxD	2	←	2	TxD
TxD	3	→	3	RxD
GND	5	—	5	GND



Note: Captive screw connector may also be used as a serial connection.

General Notes: